

CLAIMS

I claim:

1. Conveyor unit with accumulation of receptacles (2) such as bottles comprising an accumulation table (3) onto which a feed conveyor (5) opens out upstream, whilst downstream (7), this table (3) supplies said receptacles (2) onto a passive aligner (8) designed capable of conveying the latter in one single row to a processing unit downstream (9), characterized in that the passive aligner (8) runs parallel to the accumulator table (3), the latter comprising, in the downstream extension thereof, a transfer conveyor (17), on which the receptacles (2) are pushed laterally by a guiding rail (15) towards said passive aligner (8) onto a juxtaposed transition conveyor (19) running in the opposite direction which defines the feed conveyor for said passive aligner (8).

2. Conveying unit with accumulation according to claim 1, characterized in that the transition conveyor (19) is topped with a guiding rail (21) provided for pushing back the receptacles transversally with respect to their progression, this in a direction opposite to the one that is imparted to them by a guiding rail (14) above a table (11) corresponding to the passive aligner (8).

3. Conveying unit with accumulation according to one of the preceding claims, characterized in that the transition conveyor (19) is formed by a juxtaposition of chains (22) which have an increasing speed gradient in a transversal direction while separating from the transfer conveyor (17).